United States of America
FEDERAL COMMUNICATIONS COMMISSION

File No. BP-821005AH

Call Sign: WANS

AM BROADCAST STATION CONSTRUCTION PERMIT

1. Permittee:

RADIO ANDERSON, INC.

2. Station location ..... : Anderson, South Carolina

3. Transmitter location ..... : Immediately adjacent to and the West side of Rowell Rd, approx. 750 feet from McGee Rd. Anderson, South Carolina

North Latitude ..... : 34° 32' 17"

West Longitude ..... : 82° 41' 28"

4. Main studio location ..... : 3501 N. Main St., Hwy. 76 N. of, Anderson, South Carolina

5. Remote control location : --

Average hours of sunrise and sunset:
Standard Time (Non-Advanced)

SAME AS PRESENT LICENSE

6. Transmitter ..... : Type accepted,
(See Section 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)

7. Antenna and ground system : See Page #2

8. Obstruction marking and lighting specifications ..... : FCC Form 715 , paragraphs: None required

9. Operating Assignment

Frequency ..... : 1280 kHz

Power - Night ..... : 1 kW (directional antenna)

Day ..... : 5 kW (non-directional antenna)

Hours of Operation ..... : Unlimited

10. Conditions ..... : See Page #3

11. Date of required completion of construction: December 14, 1983

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this permit, 1/ authority is hereby granted to construct an AM broadcast station located and described as above.

Equipment and program tests shall be conducted only pursuant to Sections 73.95 and 73.96 of the Commission Rules.

This permit shall be forfeited if the station is not ready for operation within the time specified or within such further time as the Commission may allow unless completion of the station is prevented by causes not under the control of the permittee.

1/ This construction permit consists of this page and page(s)

Dated: December 14, 1982 KJD

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 351
January 1979

FCC Form 353
July 1977

File No. BP 821005AH Call Letters WANS Date December 14, 1982

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA -N

No. and Type of Elements: Three(3) uniform cross section, guyed steel ratio towers. Theoretical RMS 204.18 mV/m at 1 mile or 345.29 mV/m at 1 kM

Height above Insulators: (192') 90°

Overall Height: 195'

Spacing and Orientation: Towers on a line bearing 315° T equally spaced 80° apart.

Non-Directional Antenna: Daytime only tower # 1 Efficiency 669.3 mV/m/km at 1 km/5 kW.

Ground System As proposed

2. THEORETICAL SPECIFICATIONS

	Tower	#1	#2	#3
Phasing:	Night	0	140.6	-79.4°
Field Ratio:	Night	1.0	1.13	0.47

3. The inverse distance field intensity at a distance of one mile from the above antenna in the directions specified shall not exceed the following values:

Azimuth	Night	Radiation
37°		63.5 mV/m
233°		63.5 mV/m
282°		65.62 mV/m
348°		65.62 mV/m

A monitoring point in each of the above directions in which a field intensity is specified shall be designated with complete detail including a description of the point, directions for proceeding thereto and the field intensity measured at the point after final adjustment of the antenna system in exact accordance with the terms of this authorization and the Rules and Regulations and Standards of Good Engineering Practice Governing Standard Broadcast Stations. The points shall be in the clear so as to permit the taking of unobstructed field intensity measurements and shall be located not less than one mile nor more than four miles from the antenna in the direction specified.

No operation shall occur otherwise during the experimental period until data has been submitted showing that operation is in accordance with the above specifications and that the field intensity pattern is in substantial agreement with the theoretical pattern specified in the application

F.C.C. - Washington, D. C.

Field measureing equipment shall be available at all times and, after commencement of operation, the field strength at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

A complete nondirectional proof of performance, in addition to a complete proof on the night directional antenna system, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.

Permittee shall install a type accepted transmitter or perform measurements made in accordance with Section 73.48 of the Rules and include such data in the station file.

Before program tests are authorized, permittee shall submit sufficient data to establish that the inverse distance field at one mile is restricted to 186 mV/m/kW, as proposed daytime.